INTERNATIONAL SEARCH REPORT

nternational application No. PCT/CA2004/001973

A. CLASSIFICATION OF SUBJECT MATTER IPC(7): H01Q 1/00, H01Q 1/22, H01Q 1/32, B60C 23/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(7): H01Q, B60C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Delphion: transmitter, receiver, antenna, sensor, near, field, electromagnetic, wave, frame, body, automobile, pressure

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
Α	US 6,609,419 B1 (Bankart et al.) 26, Aug. 2003, abstract; page 37, lines 22-32.	1-5, 12, 13, 18, 19
A	US 6,252,498 B1 (Pashayan ,Jr.) 26, Jun. 2001, abstract, page 8, lines 10-20, claims 1-3.	1-5, 12, 13, 18, 19
Α	US 4,609,905 B1 (Uzzo Anthony) 2, Sep. 1986, abstract, col. 4, lines 5-68 to col. 5, lines 1-15, claim 1.	1-5, 12, 13, 18, 19
Α	WO 0034061 A1 (Kessler et al.) 15, Jun. 2000, abstract.	1-5, 12, 13, 18, 19
Α	EP 0 565 099 A1 (Zannier Gain) 13, Oct. 1993, abstract, page 3, lines 15-32, claims 1-5.	1-5, 12, 13, 18, 19

[]	Further documents are listed in the continuation of Box C.	[X]	See patent family annex.	
•	Special categories of cited documents :	T.	later document published after the international filing date or priority	
"A"	document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination	
"O"	document referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the art	
"P"	document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family	
Date	of the actual completion of the international search	Date	of mailing of the international search report	
31 Jai	nuary 2005 (31-01-2005)	05 N	May 2005 (05-05-2005)	
Name	and mailing address of the ISA/CA	Autho	orized officer	

31 January 2005 (31-01-2005)

Name and mailing address of the ISA/CA
Canadian Intellectual Property Office
Place du Portage I, C114 - 1st Floor, Box PCT
50 Victoria Street
Gatineau, Quebec K1A 0C9
Facsimile No.: 001(819)953-2476

05 May 2005 (05-05-2005)

Authorized officer

Thomas KC. Tang (819) 997-2189

Publication Date 15-05-2003 29-08-2000
15-05-2003
29-08-2000
28-05-2002
13-03-2002
12-06-2003
11-12-2003
7-11-2001
7-04-1999
29-10-2002
26-08-2003
7-08-2000
26-06-2001
2-09-1986
5-09-2002
21-06-2002
0-10-2002
26-09-2001
16-03-2003
24-09-2002
21-09-2004
5-06-2000
11-10-1993
3-10-1993
20-03-1996
3-09-1994